

Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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INDIANA, Southeast

(IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z059) UNION

02/01/08 00:00 EST	0	Winter Storm
02/01/08 08:00 EST	0	

Snow overspread the Ohio valley on Thursday night, January 31st, 2008. Overnight, a significant amount of warm air was pulled into the region, changing the precipitation type to freezing rain. By 6 am on the morning of February 1st, enough warm air had been pulled north by the system to change to plain rain for most of the forecast area with above freezing surface temperatures.

UNION COUNTY --- 2.0 SE LIBERTY [39.61, -84.90], 5.0 E LIBERTY [39.63, -84.84]

02/06/08 00:26 EST	25K	Thunderstorm Wind (EG 50 kt)
02/06/08 00:33 EST	0	Source: Law Enforcement

A structure on Salem Road south of US Route 27 sustained minor damage, including having its windows blown out. A roof was blown off a house east of Liberty along State Route 44. A hog barn was blown off its foundation and numerous trees were knocked down.

A line of severe thunderstorms developed during the late evening ahead of a strong cold front.

(IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z059) UNION, (IN-Z066) FRANKLIN, (IN-Z073) RIPLEY, (IN-Z074) DEARBORN, (IN-Z075) OHIO, (IN-Z080) SWITZERLAND

02/12/08 10:00 EST	0	Ice Storm
02/12/08 19:00 EST	0	

A low pressure system in the southern plains moved east into the Ohio Valley, bringing snow that changed to sleet and freezing rain as warmer temperatures were pulled into the region.

(IN-Z050) WAYNE, (IN-Z059) UNION

02/21/08 19:30 EST	0	Winter Weather
02/22/08 10:00 EST	0	

(IN-Z058) FAYETTE, (IN-Z066) FRANKLIN, (IN-Z073) RIPLEY, (IN-Z074) DEARBORN, (IN-Z075) OHIO, (IN-Z080) SWITZERLAND

02/21/08 19:30 EST	0	Winter Storm
02/22/08 10:00 EST	0	

Low pressure tracked to the Ohio Valley as cold air at the surface was already entrenched. This resulted in snow and significant ice accumulations over much of the region.

KENTUCKY, Northern

GRANT COUNTY --- 4.0 N DRY RIDGE [38.74, -84.58], DRY RIDGE [38.68, -84.58]

02/06/08 01:10 EST	20K	Thunderstorm Wind (EG 50 kt)
02/06/08 01:16 EST	0	Source: Law Enforcement

A barn was blown into the middle of Warsaw Road. Two additional barns were knocked down along Bannister Road. Debris from a building was scattered across US Route 25 between Dry Ridge and Crittenden. Power poles were also downed.

PENDLETON COUNTY --- FALMOUTH [38.67, -84.33]

02/06/08 01:30 EST	5K	Thunderstorm Wind (EG 50 kt)
02/06/08 01:35 EST	0	Source: Public

Numerous trees were knocked down, including one that landed on a vehicle.

MASON COUNTY --- MAYS LICK [38.52, -83.83], 1.0 ESE LEWISBURG [38.54, -83.75]

02/06/08 02:00 EST	10K	Thunderstorm Wind (MG 58 kt)
02/06/08 02:05 EST	0	Source: AWOS

The 67 mph gust was measured at the Fleming-Mason County Airport. A barn roof sustained damage and utility poles were also knocked down.

A line of severe thunderstorms developed during the late evening ahead of a strong cold front.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(KY-Z094) OWEN				
	02/12/08 12:00 EST		0	Winter Storm
	02/12/08 18:00 EST		0	
A low pressure system in the southern plains moved east into the Ohio Valley, bringing snow that changed to sleet and freezing rain as warmer temperatures were pulled into the region.				
(KY-Z089) CARROLL, (KY-Z090) GALLATIN, (KY-Z091) BOONE, (KY-Z092) KENTON, (KY-Z093) CAMPBELL, (KY-Z094) OWEN, (KY-Z095) GRANT, (KY-Z096) PENDLETON, (KY-Z097) BRACKEN, (KY-Z098) ROBERTSON, (KY-Z099) MASON, (KY-Z100) LEWIS				
	02/21/08 19:30 EST		0	Winter Storm
	02/22/08 10:00 EST		0	
Low pressure tracked to the Ohio Valley as cold air at the surface was already entrenched. This resulted in snow and significant ice accumulations over much of the region.				
OHIO, Southwest				
(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z035) AUGLAIZE, (OH-Z042) DARKE, (OH-Z044) LOGAN				
	02/01/08 00:00 EST		0	Winter Storm
	02/01/08 08:00 EST		0	
Snow overspread the Ohio valley on Thursday night, January 31st, 2008. Overnight, a significant amount of warm air was pulled into the region, changing the precipitation type to freezing rain. By 6 am on the morning of February 1st, enough warm air had been pulled north by the system to change to plain rain for most of the forecast area with above freezing surface temperatures.				
HAMILTON COUNTY --- 0.9 W DAYTON [39.12, -84.45], 0.5 NNE DAYTON [39.13, -84.43], 0.3 ENE DAYTON [39.12, -84.43], 0.7 WSW DAYTON [39.12, -84.44]				
	02/05/08 15:40 EST		5K	Flood (due to Heavy Rain)
	02/05/08 18:00 EST		0	Source: Law Enforcement
A mudslide closed a portion of Delta Avenue in Columbia-Tusculum. The mudslide encompassed a parked vehicle.				
AUGLAIZE COUNTY --- 1.0 S ST MARYS [40.52, -84.38], 5.0 N ST MARYS [40.60, -84.38], 2.0 NE WAPAKONETA [40.59, -84.17], 5.0 S WAPAKONETA [40.50, -84.20]				
	02/05/08 16:00 EST		50K	Flood (due to Heavy Rain)
	02/06/08 14:30 EST		0	Source: Emergency Manager
Large portions of the cities of St. Marys and Wapakoneta were flooded. A trailer park along the Auglaize River just west of Wapakoneta was evacuated and some rescues took place. Numerous roads were flooded and closed between St. Marys and Wapakoneta. Many homes sustained basement flooding.				
HARDIN COUNTY --- 3.0 S MC GUFFEY [40.64, -83.78], 4.0 N MC GUFFEY [40.74, -83.78], 4.0 N KENTON [40.71, -83.60], 3.0 SE KENTON [40.62, -83.56]				
	02/05/08 16:00 EST		15K	Flood (due to Heavy Rain)
	02/07/08 12:00 EST		0	Source: Law Enforcement
Numerous roads were flooded and closed across the western and central portions of the county. Several vehicles were stranded in high water along Township Road 120.				
MERCER COUNTY --- 2.0 N ROCKFORD [40.71, -84.63], 2.0 E MENDON [40.67, -84.48], 6.0 E CELINA [40.55, -84.46], 3.0 SW CELINA [40.52, -84.61]				
	02/05/08 16:00 EST		30K	Flood (due to Heavy Rain)
	02/06/08 14:30 EST		0	Source: Emergency Manager
A dozen homes were evacuated with sandbagging occurring on the south side of Celina near Grand Lake St. Marys. Numerous roads were flooded and closed, including several roads along the St. Marys River near Mendon. Many homes sustained basement flooding.				
SHELBY COUNTY --- FT LORAMIE [40.35, -84.37], 1.2 SW ST PATRICKS [40.36, -84.30], 0.8 N MC CARTYVILLE [40.39, -84.25], 2.1 WNW ST PATRICKS [40.38, -84.32]				
	02/05/08 22:30 EST		5K	Flood (due to Heavy Rain)
	02/06/08 06:00 EST		0	Source: Trained Spotter
Numerous roads were flooded and closed near Lake Loramie.				

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PREBLE COUNTY --- FAIRHAVEN [39.63, -84.77], EATON [39.75, -84.63]				
	02/06/08 00:39 EST		15K	Thunderstorm Wind (EG 50 kt)
	02/06/08 00:46 EST		0	Source: Law Enforcement
A roof was removed off of a home on Sugar Valley Road, and trees were knocked down. A 61 mph gust was measured in Eaton.				
MONTGOMERY COUNTY --- 1.0 W BROOKVILLE [39.83, -84.44]				
	02/06/08 00:55 EST		20K	Thunderstorm Wind (EG 50 kt)
	02/06/08 00:59 EST		0	Source: Law Enforcement
Siding and shingles were blown off a home along West Brook Road, and an adjacent 40 lb. metal swing set was thrown 300-500 yards. A barn had its roof removed.				
CLERMONT COUNTY --- BETHEL [38.97, -84.08]				
	02/06/08 01:45 EST		70K	Thunderstorm Wind (EG 70 kt)
	02/06/08 01:50 EST		0	Source: NWS Storm Survey
A 25-foot block wall was blown into a grocery store. A plate glass window was blown out and the porch of an adjacent home was severely damaged. Several barns were destroyed and a large number of trees and power poles were knocked down. Damage was determined to be caused by straight-line winds estimated at 80 to 100 mph.				
BROWN COUNTY --- 2.0 N RIPLEY [38.76, -83.83], 1.0 N ABERDEEN [38.66, -83.77]				
	02/06/08 01:55 EST		80K	Thunderstorm Wind (EG 70 kt)
	02/06/08 02:01 EST		0	Source: NWS Storm Survey
Three homes along US Routes 62 and 68 north of Ripley had their roofs either removed or damaged. Additional structural damage occurred to a motel, and apartment building and church near Aberdeen. A number of parked vehicles had windows damaged. Numerous trees were also uprooted or downed in the area. Damage was determined to be caused by straight-line winds estimated at 80-90 mph.				
BROWN COUNTY --- MT ORAB [39.05, -83.92], SARDINIA [39.00, -83.80]				
	02/06/08 01:55 EST		30K	Thunderstorm Wind (EG 60 kt)
	02/06/08 02:04 EST		0	Source: Law Enforcement
Three barns were knocked down and a home was pushed off of its foundation. Several trees and power poles were downed as well.				
BROWN COUNTY --- 1.0 NE FIVEMILE [39.11, -83.91]				
	02/06/08 02:00 EST		60K	Thunderstorm Wind (EG 78 kt)
	02/06/08 02:05 EST		0	Source: NWS Storm Survey
Several farm buildings sustained significant damage just east and northeast of the village of Fivemile. A few barns were blown over and grain silos were destroyed. A number of houses in the area sustained damage as well, with several trees uprooted. Damage was determined to be caused by straight-line winds estimated at 80 to 100 mph.				
CLINTON COUNTY --- 5.0 SE WILMINGTON [39.40, -83.76], 2.0 NW SABINA [39.50, -83.68]				
	02/06/08 02:06 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:12 EST		0	Source: Law Enforcement
Two trees were knocked down along Antioch and Murphy Roads.				
HIGHLAND COUNTY --- HILLSBORO [39.20, -83.62]				
	02/06/08 02:10 EST		10K	Thunderstorm Wind (EG 55 kt)
	02/06/08 02:14 EST		0	Source: Law Enforcement
A tree was knocked down on a house, causing minor damage.				
ADAMS COUNTY --- CHERRY FORK [38.88, -83.60], MANCHESTER [38.68, -83.60]				
	02/06/08 02:12 EST		50K	Thunderstorm Wind (EG 61 kt)
	02/06/08 02:20 EST		0	Source: NWS Storm Survey
A roof was blown off of a gymnasium in the Cherry Fork area. Several barns and houses sustained damage. Numerous trees were downed throughout western Adams County. Damage was determined to be caused by straight-line winds estimated at 70 to 80 mph.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAYETTE COUNTY --- 5.0 S WASHINGTON COURT HOU [39.46, -83.43]				
	02/06/08 02:15 EST		25K	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:19 EST		0	Source: Newspaper
Numerous trees and power poles were downed along Creek Road. A barn and a garage were destroyed, along with minor structural damage to the house on the property.				
HIGHLAND COUNTY --- 1.3 N ROCKY FORK LAKE [39.20, -83.48]				
	02/06/08 02:21 EST		10K	Thunderstorm Wind (EG 56 kt)
	02/06/08 02:26 EST		0	Source: Law Enforcement
Numerous trees and power poles were downed along Beechwood Lane and North Shore and South Lakeshore Drives. One of the trees fell onto a mobile home, causing some minor damage.				
ADAMS COUNTY --- PEEBLES [38.95, -83.40]				
	02/06/08 02:25 EST		8K	Thunderstorm Wind (EG 55 kt)
	02/06/08 02:30 EST		0	Source: Public
A barn was knocked down along Cemetery Road. An adjacent fence was damaged, and several nearby trees were downed.				
SCIOTO COUNTY --- MINFORD [38.85, -82.85]				
	02/06/08 02:42 EST		15K	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:47 EST		0	Source: Law Enforcement
Numerous trees and large limbs were knocked down, including nearly a half dozen along State Route 139.				
PICKAWAY COUNTY --- 1.0 NW WILLIAMSPORT [39.59, -83.13]				
	02/06/08 02:43 EST		8K	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:48 EST		0	Source: Law Enforcement
A house sustained minor roof and siding damage. A garden building on the property was destroyed.				
SCIOTO COUNTY --- 0.4 SSW OTWAY [38.86, -83.18], 3.7 WSW CAMP OYO [38.69, -83.21], 1.4 NE BLOOM FURNACE [38.79, -82.65], 4.4 NE MADISON [38.91, -82.73]				
	02/06/08 14:37 EST		3K	Flood (due to Heavy Rain)
	02/06/08 18:00 EST		0	Source: Emergency Manager
Several roads were flooded and closed throughout the county.				
A line of severe thunderstorms developed during the late evening ahead of a strong cold front. Persistent heavy rain caused flooding, especially across west central Ohio.				
CLARK COUNTY --- 4.0 W SPRINGFIELD [39.92, -83.88]				
	02/17/08 18:55 EST		1K	Hail (0.75 in)
	02/17/08 18:59 EST		0	Source: Emergency Manager
Isolated strong thunderstorms developed to the northeast of Dayton during the evening.				
(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z035) AUGLAIZE, (OH-Z042) DARKE, (OH-Z043) SHELBY, (OH-Z044) LOGAN, (OH-Z051) MIAMI, (OH-Z060) PREBLE, (OH-Z064) PICKAWAY, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z073) ROSS, (OH-Z078) CLERMONT, (OH-Z080) HIGHLAND (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO				
	02/12/08 00:00 EST		0	Winter Storm
	02/12/08 19:00 EST		0	
A low pressure system in the southern plains moved east into the Ohio Valley, bringing snow that changed to sleet and freezing rain as warmer temperatures were pulled into the region.				
(OH-Z042) DARKE, (OH-Z051) MIAMI, (OH-Z053) CLARK, (OH-Z054) MADISON, (OH-Z061) MONTGOMERY, (OH-Z062) GREENE, (OH-Z065) FAIRFIELD, (OH-Z074) HOCKING				
	02/20/08 04:00 EST		0	Heavy Snow
	02/20/08 14:00 EST		0	

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(OH-Z034) MERCER, (OH-Z035) AUGLAIZE, (OH-Z044) LOGAN, (OH-Z045) UNION, (OH-Z046) DELAWARE, (OH-Z052) CHAMPAIGN, (OH-Z056) LICKING, (OH-Z063) FAYETTE, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z072) CLINTON, (OH-Z073) ROSS, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO				
	02/22/08 04:00 EST		0	Winter Weather
	02/22/08 14:00 EST		0	

A clipper system produced a narrow band of heavy snow that fell along the I-70 corridor from the Indiana border to just southeast of Columbus.

(OH-Z051) MIAMI, (OH-Z052) CHAMPAIGN, (OH-Z054) MADISON, (OH-Z055) FRANKLIN, (OH-Z061) MONTGOMERY, (OH-Z062) GREENE, (OH-Z064) PICKAWAY, (OH-Z065) FAIRFIELD, (OH-Z071) WARREN, (OH-Z072) CLINTON, (OH-Z073) ROSS, (OH-Z074) HOCKING, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO				
	02/21/08 19:30 EST		0	Winter Storm
	02/22/08 10:00 EST		0	

(OH-Z060) PREBLE, (OH-Z079) BROWN				
	02/21/08 19:30 EST		0	Winter Weather
	02/22/08 10:00 EST		0	

Low pressure tracked to the Ohio Valley as cold air at the surface was already entrenched. This resulted in snow and significant ice accumulations over much of the region.

(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z035) AUGLAIZE				
	02/26/08 00:00 EST		0	Winter Storm
	02/26/08 12:00 EST		0	

A low pressure system tracked into the Ohio Valley overnight on the 25th and into the 26th. Widespread precipitation was found ahead of it, with a rain-snow line noted north of I-70.

LOGAN COUNTY --- 2.0 NW LAKEVIEW [40.50, -83.95], BLOOM CENTER [40.42, -83.95], 4.0 W HUNTSVILLE [40.43, -83.88], 2.0 NE RUSSELLS PT [40.49, -83.87]				
	02/07/08 11:00 EST		20K	Flood (due to Heavy Rain)
	02/09/08 06:00 EST		0	Source: Law Enforcement

Numerous roads were flooded and closed in western Logan county, including State Route 235 between Lakeview and State Route 708 and State Route 720 between State Route 235 and US Route 33. Several evacuations were necessary along the south shore of Indian Lake between Lakeview and Russells Point.

Flooding continued across Logan County from excessive rainfall on February 5 and 6.